

ABSTRACT

Conventionally, there resides such problem in a wireless network that procedures up to the establishment of wireless link cannot be carried out swiftly.

There is provided a wireless communication system comprising a wireless communication unit 100 including a communication antenna 104 that performs wireless data communication, a wire connection section 107 that performs wired data communication to establish a wireless link for carrying out wireless data communication using a wired connection, and a connection change-over switch 103 that changes over whether the wireless data communication should be carried out using the communication antenna 104 or the wired data communication should be carried out using a first wired communication means; and a wireless communication unit 110 including a communication antenna 114 that performs wireless data communication with the communication antenna 104, a wire connection section 117 that performs wired data communication with the first wired communication means using the wired connection and a connection change-over switch 113 that changes over whether wireless data communication should be carried out using a second wireless communication means or the wired data communication should be carried out using the second wired communication means.

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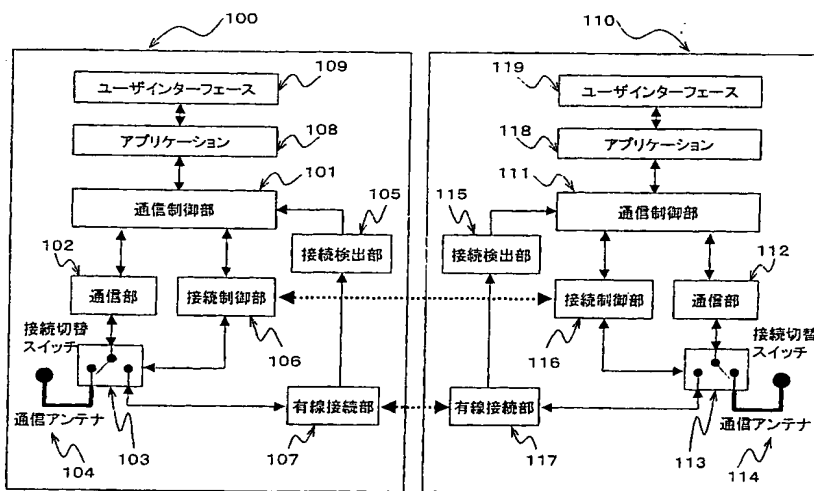
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(54) Title: RADIO COMMUNICATION SYSTEM

(54) 発明の名称: 無線通信システム



109...USER INTERFACE
108...APPLICATION
101...COMMUNICATION CONTROL PART
102...COMMUNICATION PART
103...CONNECTION SWITCH
104...COMMUNICATION ANTENNA
105...CONNECTION DETECTING PART
106...CONNECTION CONTROL PART
107...WIRE CONNECTION PART

119...USER INTERFACE
118...APPLICATION
111...COMMUNICATION CONTROL PART
112...COMMUNICATION PART
113...CONNECTION SWITCH
114...COMMUNICATION ANTENNA
115...CONNECTION DETECTING PART
116...CONNECTION CONTROL PART
117...WIRE CONNECTION PART

(57) **Abstract:** There was a problem that the procedure up to a radio link establishment in a radio network might not be quickly accomplished. A radio communication system includes a radio communication apparatus (100), which has a communication antenna (104) for performing a radio data communication; a wire connection part (107) for performing, by use of a wire connection, a wire data communication

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